



CLAIM AMENDMENTS

Claim 1.

Cancel claim 1.

Claim 2.

Cancel claim 2

Claim 3.

Cancel claim 3.

Claim 4.

Cancel claim 4.

Claim 5.

Cancel claim 5.

Claim 6.

Cancel claim 6.

Claim 7.

Cancel claim 7.

Claim 8.

Cancel claim 8.

Claim 11.

Add new claim 11.

Claim 12.

Add new claim 12.

Claim 13.

Add new claim 13.

Claim 14.

Add new claim 14.

CLAIMS

Claim 1. (Cancelled).

Claim 2. (Cancelled).

Claim 3. (Cancelled).

Claim 4. (Cancelled).

Claim 5. (Cancelled).

Claim 5. (Cancelled).

Claim 6. (Cancelled).

Claim 7. (Cancelled).

Claim 8. (Cancelled).

Claim 9. (Cancelled).

Claim 10. (Cancelled)

Claim 11. (New)

A polymer gel electrolyte separator for electrochemical devices which comprises:

- a polymeric matrix;
- an ionically conductive solid compound;
- a liquid electrolyte containing at least one salt;
- said ionically conductive solid compound is selected from the group consisting of lithium fluoride, magnesium fluoride and sodium fluoride, wherein said fluorides are in the range of 10% to 90% by weight.

Claim 12. (New)

A polymer gel electrolyte separator for electrochemical devices which comprises:

- a polymeric matrix;
- a solid metal oxide;

an ionically conductive solid compound;
a liquid electrolyte containing at least one salt;
said ionically conductive solid compound is selected from
the group consisting of lithium fluoride, magnesium fluoride,
and sodium fluoride, wherein said fluorides are in the range
of 10% to 90% by weight.

Claim 13. (New)

A solid state separator for electrochemical devices which
comprises:

an ionically conductive solid compound;
a polymeric binder;
a liquid electrolyte containing at least one salt;
said ionically conductive solid compound is selected from the
group consisting of lithium fluoride, magnesium fluoride, and
sodium fluoride, wherein said fluorides are in the range of
10% to 90% by weight.

Claim 14. (New).

A solid state separator for electrochemical devices which
comprises:

a solid metal oxide;
an ionically conductive solid compound;
a polymeric binder;
a liquid electrolyte, containing at least one salt;
said ionically conductive solid compound is selected from the
group consisting of lithium fluoride, magnesium fluoride, and
sodium fluoride, wherein said fluorides are in the range of
10% to 90% by weight.